IN THE CLAIMS:

The text of all pending claims are set forth below. Cancelled and withdrawn claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (previously presented), (cancelled), (withdrawn), (new), (previously added) and (not entered).

1. (PREVIOUSLY PRESENTED) A coordinate input device having a wheel which is rotatable about a first axis, comprising:

a plurality of rotating bodies disposed along and rotating along with a circumferential edge of said wheel about the first axis and the plurality of rotating bodies rotatable about said circumferential edge as a second axis, each of the rotating bodies having an interior thereof with raised portions and recessed portions and the wheel having projections such that the rotating bodies, while rotating around the second axis, tactily communicate responsive to the rotation thereof;

rotating body rotating state detection means for detecting a rotating state of said rotating bodies;

wheel rotating state detection means for detecting a rotating state of said wheel;

a format change-over switch; and

data transmission means for transmitting information detected by each of said respective detection means as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

2. (PREVIOUSLY PRESENTED) A coordinate input device having a wheel which is rotatable about a first axis, comprising:

a plurality of rotating bodies disposed along and rotating along with a circumferential edge of said wheel about the first axis and the plurality of rotating bodies rotatable about said circumferential edge as a second axis, each of the rotating bodies having an interior thereof with raised portions and recessed portions and the wheel having projections such that the rotating

bodies, while rotating around the second axis, tactily communicate responsive to the rotation thereof;

ball moving state detection means for detecting a moving state of a ball;

click switch operating state detection means for detecting an operating state of a click switch;

wheel rotating state detection means for detecting a rotating state of said wheel;

a format change-over switch; and

data transmission means for transmitting respective pieces of information detected by said respective detection means as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

3. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 1, wherein said coordinate input device has a left click switch as a first switch and a right click switch as a second switch, said coordinate input device further comprising:

a third switch disposed as a lower portion of said wheel;

a wheel support portion having a construction to support said wheel and to allow said wheel to slide and adapted to drive said third switch by depressing said wheel downwardly; and

third switch operating state detection means for detecting the operating state of said third switch.

4. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 3, wherein

said wheel support portion further comprises a ratchet construction on a side of said wheel, and wherein

said wheel is adapted to fit in said ratchet construction.

5. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 1, wherein

an inner wall at a center of said respective rotating bodies through which said circumferential edge is put has a locking construction, and wherein

said circumferential edge is adapted to fit in a second locking construction.

6. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 1, wherein said rotating body is of a cylindrical configuration.

7. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 1, wherein said rotating body is of a spherical configuration.

8. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 1, wherein a surface of said rotating bodies is covered with a slip preventive material.

9. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 1, wherein a recess is formed in a surface of said rotating bodies.

10. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 1, wherein said coordinate input device further comprises:

ball moving state detection means for detecting a moving state of a ball; and

click switch operating state detection means for detecting an operating state of a click switch.

11. (PREVIOUSLY PRESENTED) A coordinate input device having a wheel which is rotatable about a first axis, comprising:

a plurality of rotating bodies disposed along and rotating along with a circumferential edge of said wheel about the first axis and the plurality of rotating bodies rotatable about said circumferential edge as a second axis, each of the rotating bodies having an interior thereof with raised portions and recessed portions and the wheel having projections such that the rotating bodies, while rotating around the second axis, tactily communicate responsive to the rotation thereof;

rotating body rotating state detection means for detecting a rotating state of said rotating bodies;

a wheel rotating state detection unit detecting a rotating state of said wheel;

a format change-over switch; and

a data transmission unit transmitting information detected by each of said respective detection units as a set of operation instructions for a computer and adapted to effect

transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

12. (PREVIOUSLY PRESENTED) A coordinate input device having a wheel which is rotatable about a first axis, comprising:

a plurality of rotating bodies disposed along and rotating along with a circumferential edge of said wheel about the first axis and the plurality of rotating bodies rotatable about said circumferential edge as a second axis, each of the rotating bodies having an interior thereof with raised portions and recessed portions and the wheel having projections such that the rotating bodies, while rotating around the second axis, tactily communicate responsive to the rotation thereof;

a rotating body rotating state detection unit detecting a rotating state of said rotating bodies;

a ball moving state detection unit detecting a moving state of a ball;

a click switch operating state detection unit detecting an operating state of a click switch;

a wheel rotating state detection unit detecting a rotating state of said wheel;

a format change-over switch; and

a data transmission unit transmitting respective pieces of information detected by said respective detection units as a set of operation instructions for a computer and adapted to effect transmission in a first format when said format change-over switch is not depressed and to effect another transmission in a second format when said format change-over switch is depressed.

13. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 11, wherein said coordinate input device has a left click switch as a first switch and a right click switch as a second switch, said coordinate input device further comprising:

a third switch disposed as a lower portion of said wheel;

a wheel support portion to support said wheel and to allow said wheel to slide and adapted to drive said third switch by depressing said wheel downwardly; and

a third switch operating state detection unit detecting the operating state of said third switch.

14. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 13, wherein said wheel support portion further comprises a ratchet construction on a side of said wheel, and wherein said wheel is adapted to fit in said ratchet construction.

15. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 11, wherein an inner wall at a center of said respective rotating bodies through which said circumferential edge is put has a locking construction, and wherein said circumferential edge is adapted to fit in a second locking construction.

16. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 11, wherein said rotating body is of a cylindrical configuration.

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17. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 11, wherein said rotating body is of a spherical configuration.

18. CANCELLED.

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20. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 11, wherein a surface of said rotating bodies is covered with a slip preventive material.

21. (PREVIOUSLY PRESENTED) The coordinate input device as set forth in claim 11, wherein a recess is formed in a surface of said rotating bodies.